

CLAIMS

1. A display device comprising:

a first arithmetic processing unit;

a display unit at which information is displayed as a
5 bitmap; and

an interface unit that can be connected with an
external information processing apparatus having a second
arithmetic processing unit which executes a specific type of
processing, wherein:

10 the first arithmetic processing unit controls the
display unit so as to display information related to the
specific type of processing transmitted from the external
information processing apparatus and also executes another
type of processing related to the specific type of processing
15 based upon an instruction provided by the external
information processing apparatus.

2. An information processing apparatus comprising:

an interface unit that can be connected with a display
device having a first arithmetic processing unit and a
20 display unit controlled by the first arithmetic processing
unit, at which information is displayed as a bitmap; and

a second arithmetic processing unit that executes a
specific type of processing, wherein:

the second arithmetic processing unit issues an
25 instruction to have the first arithmetic processing unit at

the display device execute another type of processing related to the specific type of processing.

3. An information processing system comprising:

a display device according to claim 1; and

5 an information processing apparatus according to claim

2.

4. A display device according to claim 1, wherein:

the specific type of processing executed at the second arithmetic processing unit includes processing related to

10 road guidance; and

the other type of processing executed at the first arithmetic processing unit includes at least either arithmetic processing for displaying a road map at the display unit or arithmetic processing for a route search.

15 5. An information processing apparatus according to claim 2, wherein:

the specific type of processing executed at the second arithmetic processing unit includes processing related to road guidance; and

20 the other type of processing executed at the first arithmetic processing unit includes at least either arithmetic processing for displaying a road map at the display unit or arithmetic processing for a route search.

6. An information processing apparatus according to claim
25 2 or claim 5, further comprising:

a second display unit smaller in size than the display unit of the display device.

7. An information processing apparatus according to claim 2, further comprising:

5 a second display unit smaller in size than the display unit of the display device, wherein:

the specific type of processing executed at the second arithmetic processing unit includes processing related to road guidance; and

10 the second arithmetic processing unit executes the processing related to road guidance by displaying at the second display unit a straight arrow or a bent arrow without displaying a map.

8. An information processing system according to claim 3,
15 wherein:

the first arithmetic processing unit achieves a higher processing performance level than the second arithmetic processing unit.

9. An information processing system according to claim 3,
20 wherein:

the specific type of processing executed at the second arithmetic processing unit includes processing related to road guidance; and

the other type of processing executed at the first
25 arithmetic processing unit includes at least either

arithmetic processing for displaying a road map at the display unit or arithmetic processing for a route search.

10. An information processing system according to claim 3, claim 8 or claim 9, wherein:

5 the information processing apparatus further includes a radio tuner; and

 the other type of processing executed at the first arithmetic processing unit includes audio processing.